

JULIE CORRINNE LOWERY

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OFFICE ADDRESS

VA HSR&D
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EDUCATION

- 9/91 **Ph.D. in Health Services Organization and Policy**
Cognate: Operations Research/Information Systems
School of Public Health
University of Michigan, Ann Arbor, MI
- 4/79 **Masters in Health Services Administration**
Department of Medical Care Organization
School of Public Health
University of Michigan, Ann Arbor, MI
- 4/77 **Bachelor of Science (Microbiology)**
Graduated with High Distinction
College of Literature, Science, and the Arts
University of Michigan, Ann Arbor, MI

EMPLOYMENT

- 7/04- **Adjunct Associate Research Scientist**
present Department of Health Services Management & Policy
School of Public Health, University of Michigan, Ann Arbor, MI
- 1/96- **Associate Director**
present Health Services Research & Development Field Program
Veterans Affairs Medical Center, Ann Arbor, MI
- 11/95- **Research Investigator**
present Division of Plastic Surgery
Department of Surgery, University of Michigan, Ann Arbor, MI
- 3/84- **Health Science Research Specialist**
present Health Services Research & Development Field Program
Veterans Affairs Medical Center, Ann Arbor, MI
- 1/94- **Lecturer**
6/98 Department of Health Services Management & Policy
School of Public Health, University of Michigan, Ann Arbor, MI
- 1/94- **Adjunct Lecturer**
4/94 Program in Health Policy Studies
College of Arts, Sciences, and Letters, University of Michigan, Dearborn, MI

2/90- ***Health Systems Consultant***
3/93 Huron Systems, Inc., Ann Arbor, MI

5/85- ***Research Assistant***
6/90 Department of Health Services Management and Policy
School of Public Health, University of Michigan, Ann Arbor, MI

7/82- ***Administrative Officer***
3/84 Medical Service
Veterans Affairs Medical Center
Ann Arbor, MI

6/79 ***Management Analyst/Administrative Officer***
7/82 Health Services Research and Development
Veterans Affairs Medical Center
Ann Arbor, MI

5/78- ***Administrative Resident***
9/78 Medical Service Plan Office
University of Michigan Medical School
Ann Arbor, MI

7/76- ***Bartender***
4/79 Dooley's Bar
Ann Arbor, MI

ACADEMIC HONORS/AWARDS

1987-88 MI Health Care Education Research Foundation, Inc., Student Award
1984-86 University of Michigan Regents' Fellowship
1978 Harry J. Harwick Scholarship (sponsored by the American College of Medical Group Administrators)
1977 Phi Beta Kappa
1976 James B. Angell Scholar
1975-76 Class Honors
1973-76 College Honors Program

NATIONAL AND REGIONAL COMMITTEE AND ADMINISTRATIVE SERVICE

2003 Member, VA Rehabilitation Research and Development Centers of Excellence Review Panel
2002 Member, VA Rehabilitation Research and Development Research Enhancement Award Program (REAP) Review Panel
2001 Chair, VA Rehabilitation Outcomes Research Center Review Panel
2000-present VA Rehabilitation Research and Development Service Scientific Merit Review Board (Geriatrics Rehabilitation/Rehabilitation Health Services and Outcomes Panel, Rehabilitation Engineering Panel)
1998-present VA VISN 11 Clinical Leadership Board
1998-present VA VISN 11 Customer Satisfaction Committee

EDITORIAL REVIEW

2002-present *Advances in Skin and Wound Care*
2001-present *Telemedicine Journal and e-Health*

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COMMUNITY SERVICE

1/93- Vestry Member, St. James' Episcopal Church (1/93-1/96, 1/97-1/00, 1/02-present)
present Senior Warden 1/94-1/95, 1/97-1/99, 1/04-12/04
Dexter, MI

1/93- Enrollee Member, Care Choices HMO (Michigan) Health Care Management Committee
12/96 Farmington Hills, MI

1/92- Enrollee Member, Care Choices HMO (Michigan) Board of Directors
12/94 Farmington Hills, MI

FUNDED RESEARCH

Co-Principal Investigator, "Does Step Count Feedback Enhance Counseling for Weight Loss?" VA Merit Review, 10% effort, 2004-2007 (\$664,329).

Principal Investigator, "Best Precedents in Human Subjects Protection for Health Services Research," VA Management Consultation Project, 20% effort, 2003-2004 (\$147,691).

Principal Investigator, "A Custom Approach to Implementation of Diabetes Hypertension Guidelines," VA Service Directed Project, 20% effort, 2001-2003 (\$229,768). Extended to 2004, with additional funding of \$134,667.

Co-Principal Investigator, "Evaluation of a Nurse Case Management Model for Chronic Heart Failure," VA Merit Review, 20% effort, 2001-2005 (\$687,648). Extended to 2007, with additional funding of \$106,187.

Co-Principal Investigator, "An Evaluation of Home-Based Telemedicine Services," VA Merit Review, 20% effort, 2001-2003 (\$291,576).

Principal Investigator, "Assessment of Retinopathy Status via Telemedicine," VA Merit Review, 20% effort, 2000-2001 (\$180,777).

Co-Principal Investigator, "Shared Decision-Making in Early Breast Cancer Treatment," University of Michigan Health Service Venture Investment Fund, 5% effort, 1999-2001 (\$145,540).

Principal Investigator, "Pressure Ulcer Assessment via Telemedicine." VA Merit Review, 20% effort, 1998-2000 (\$220,428).

Project Director, "Breast Reduction Assessment: Value and Outcomes." Plastic Surgery Educational Foundation, 20% effort, 1997-1999 (\$92,700).

Principal Investigator, "Design and Validation of VA Clinical Dietetic Staffing Model." VA HSR&D Service Directed Research, 37.5 % effort, 1994-1997 (\$258,300).

Principal Investigator, "Evaluation of Admissions Scheduling System in VA and DOD Hospitals." VA Merit Review, 50 % effort, 1994-1996 (\$273,700).

Co-Investigator, "Michigan Breast Reconstruction Outcomes Study." U.S. Army Medical Research and Development, 5 % effort, 1994-1998 (\$830,000).

Principal Investigator, "Reliability of Two Methods for Nutrition Status Assessment." VA Great Lakes HSR&D, 7.5 % effort, 1992 (\$8500).

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Principal Investigator, "Design and Validation of Decision-Support Software for the Critical Care Area: Phase I." Small Business Innovation Research Program, Department of Health and Human Services, 25 % effort, 1991 (\$35,300).

PEER-REVIEWED PUBLICATIONS

1. Roth RS, Lowery JC, Davis J, Wilkins EG. Quality of life and affective distress in women seeking immediate versus delayed breast reconstruction following mastectomy for breast cancer. *Plastic and Reconstructive Surgery* 2004 (in press).
2. Roth RS, Lowery JC, Hamill JB. Assessing persistent pain and its relation to affective distress, depressive symptoms and pain catastrophizing in patients with chronic wounds. *American Journal of Physical Medicine and Rehabilitation* 2004 (in press).
3. Subramanian U, Hopp F, Lowery J, Woodbridge P, Smith D. Research in homecare telemedicine: challenges in patient recruitment. *Telemedicine Journal and e-Health* 2004 (in press).
4. Janz NK, Wren PA, Copeland LA, Lowery JC, Goldfarb SL, Wilkins EG. Patient-physician concordance: preferences, perceptions, and factors influencing the breast cancer surgical decision. *Journal of Clinical Oncology* 2004; 22(15): 3091-3098.
5. Kim HM, Lowery JC, Hamill JB, Wilkins EG. Patient attitudes toward web-based system for monitoring chronic wounds. *Telemedicine Journal and e-Health* 2004; 10(Suppl 2):S26-34.
6. Kim HM, Lowery JC, Hamill JB, Wilkins EG. Accuracy of Web-based system for monitoring chronic wounds. *Telemedicine Journal and e-Health* 2003; 9(2):129-140.
7. Lowery JC, Hamill JB, Wilkins EG, Clements E. Technical overview of a Web-based telemedicine system for wound assessment. *Advances in Skin and Wound Care* 2002;15(4):165-169.
8. Alderman AK, Wilkins EG, Kim HM, Lowery JC. Complications in post-mastectomy breast reconstruction: two-year results of the MBROS. *Plastic and Reconstructive Surgery*. 2002;109(7):2265-2274.
9. Kerrigan CL, Collins ED, Kim HM, Schnur PL, Wilkins EG, Cunningham B, Striplin DT, Lowery J. Reduction mammoplasty: defining medical necessity. *Medical Decision Making* 2002;22:208-217.
10. Collins ED, Kerrigan CL, Kim HM, Lowery J, Striplin DT, Cunningham B, Wilkins E. The effectiveness of surgical and non-surgical interventions in relieving the symptoms of macromastia. *Plastic and Reconstructive Surgery*. 2002;109(5):1556-1566.
11. Kerrigan CL, Collins ED, Striplin D, Kim HM, Cunningham B, Wilkins E, Lowery J. The health burden of breast hypertrophy. *Plastic and Reconstructive Surgery* 2001; 108(6):1591-1599. (Abstract reprinted in *JAMA* 2002;287(6):693.) (2002 James Barrett Brown Award by the American Association of Plastic Surgeons, for the best paper of 2001 in *Plastic and Reconstructive Surgery* and *Annals of Plastic Surgery*.)
12. Hiller L, Lowery JC, Davis JA, Shore CJ, Striplin DT. Nutritional status classification in the Department of Veterans Affairs. *Journal of the American Dietetic Association* 2001; (101)7:786-792.

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13. Wilkins EG, Cederna PS, Lowery JC, Davis JA, Kim HM, Roth RS, Goldfarb S, Izenberg PH, Houin HP, Shaheen KW. Prospective analysis of psychosocial outcomes in breast reconstruction: One-year postoperative results from the Michigan Breast Reconstruction Outcome Study. *Plastic and Reconstructive Surgery* 2001; 106(5):1014-26.

14. Alderman AK, Wilkins EG, Lowery JC, Kim HM. Determinants of patient satisfaction in post-mastectomy breast reconstruction. *Plastic and Reconstructive Surgery* 2000;106(4):769-776.
15. Hwang TG, Wilkins EG, Lowery JC, Gentile J. Implementation and evaluation of a clinical pathway for TRAM breast reconstruction. *Plastic and Reconstructive Surgery* 2000;105(2): 541-548.
16. Lowery JC, Hiller LD, Davis JA, Shore CJ. Comparison of professional judgment versus an algorithm for nutrition status classification. *Medical Care* 1998; 36(11):1578-1588.
17. Lowery JC, Wilkins EG, Kuzon WK, Davis JA. Evaluations of aesthetic results in breast reconstruction: An analysis of reliability. *Annals of Plastic Surgery* 1996; 36(5):601-607.
18. Wilkins EG, Lowery JC, Smith DG. Outcomes research: A primer for plastic surgeons. *Annals of Plastic Surgery* 1996; 37(1):1-11.
19. Lowery JC, Martin JB. Design and validation of a critical care simulation model. *Journal of the Society for Health Systems* 1992; 3(3):15-36.
20. Lowery JC, Martin JB. Evaluation of healthcare software from a usability perspective. *Journal of Medical Systems* 1990; 14(1):17-29.
21. Lowery JC, Martin JB. Evaluation of an advance surgical scheduling system. *Journal of Medical Systems* 1989; 13(1):11-23.
22. Thomas JW, Lowery JC. Determining information needs of hospital managers: The critical success factor approach. *Inquiry* 1981; 18:300-310.

PUBLISHED ABSTRACTS, PROCEEDINGS, AND OTHER PUBLICATIONS/REPORTS

1. Hopp F, Lowery J, Woodbridge P. The benefits of telehome care: What does the research show? *FORUM* (a publication of the VA Office of Research & Development, Health Services Research & Development Service, Mangement Decision &b Research Center) June 2004; pg. 4.
2. Lowery J, Wakefield B. Telemedicine systems may help SCI patients get specialized care sooner. *FORUM* (a publication of the VA Office of Research & Development, Health Services Research & Development Service, Mangement Decision &b Research Center) June 2004; pg. 7.
3. Lowery J. Telemedicine technologies: What is the cost of improving access to health care services in rural areas? *FORUM* (a publication of the VA Office of Research & Development, Health Services Research & Development Service, Mangement Decision &b Research Center) June 2004; pg. 5.
4. Hopp FP, Lowery J, Woodbridge P. Home telemedicine and the VA workforce: potential and challenges. *FORUM* (a publication of the VA Office of Research & Development, Health Services Research & Development Service, Mangement Decision &b Research Center) June 2003; pg. 4.

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5. Kowalski CP, Wyszewianski L, Lowery JC, Krein SL, Green LA. VA Diabetes Hypertension Guideline Implementation Strategies: Qualitative Interview Summary Report. VA HSR&D Center of Excellence, VA Medical Center, Ann Arbor, MI. March 27, 2003.
6. Wakefield BJ, Lowery J, Kobb R, Clements EC, Brady M. Development of an item bank for telehealth evaluation. *Telemedicine Journal and e-Health* 2002; 8(2):268.

7. Lowery JC. *Pressure Ulcer Assessment via Telemedicine*. Final Report for VA HSR&D Project No. Acc 97-013-3. Health Services Research & Development Service, Department of Veterans Affairs, Washington, D.C. March 15, 2002.
8. Lowery JC, Wilkins EG, Hamill JB. A store-and-forward system for assessment of pressure ulcers. *Telemedicine Journal and e-Health* 2001; 7(2):151.
9. Shavink-Dillerud M, Lowery J, Striplin D. Development and utilization of a patient acuity based clinical nutrition staffing model. *Future Dimensions in Clinical Nutrition Management* 1999;XVIII(3):1-9.
10. Lowery JC, Davis JA. Determination of operating room requirements using simulation. *Proceedings of the 1999 Winter Simulation Conference*. Edited by PA Farrington, HB Nembhard, DT Sturrock, GW Evans. New York: Association for Computing Machinery, 1999, pp.1568-1572.
11. Shavink-Dillerud M, Lowery J, Striplin D. Development of a clinical nutrition staffing model. *Journal of the American Dietetic Association* 1998;98(9 Supplement):A-23.
12. Roberts C, Hiller L, Lowery J, Davis J. Reliability of two methods of nutrition status classification. *Journal of the American Dietetic Association* 1998;98(9 Supplement):A-68
13. Lowery JC. Getting started in simulation in healthcare. *Proceedings of the 1998 Winter Simulation Conference*. Edited by DJ Medeiros, EF Watson, JS Carson, MS Manivannan. New York: Association for Computing Machinery, 1998, pp. 31-35.
14. Lowery JC. Getting started in simulation in healthcare. *Proceedings of the 1998 Winter Simulation Conference*. Edited by DJ Medeiros, EF Watson, JS Carson, MS Manivannan. New York: Association for Computing Machinery, 1998, pp. 31-35.
15. Cederna PS, Wilkins EG, Lowery JC, Goldfarb S, Perkins A. Prospective analysis of psychosocial outcomes in postmastectomy breast reconstruction. *Surgical Forum* 1997;48:607.
16. Lowery JC, Rees RS, Hamill JB. Pressure ulcer assessment via telemedicine. *Telemedicine Journal* 1997;3(1):94-95.
17. Wilkins EG, Lowery JC, Kuzon WM, Perkins A. Functional outcomes in post-mastectomy breast reconstruction: Preliminary results of the Michigan Breast Reconstruction Outcomes Study. *Surgical Forum* 1997;48:609.
18. Lowery JC. Introduction to simulation in health care. *Proceedings of the 1996 Winter Simulation Conference*. Edited by JM Charnes, DJ Morrice, DT Brunner, JJ Swain. New York: Association for Computing Machinery, 1996, pp. 78-84.

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19. Lowery JC. Design of hospital admissions scheduling system using simulation. *Proceedings of the 1996 Winter Simulation Conference*. Edited by JM Charnes, DJ Morrice, DT Brunner, JJ Swain. New York: Association for Computing Machinery, 1996, pp. 1199-1204.
20. Hakes B, Keller L, Lilegdon WR, Mabrouk K, McGuire F, Lowery JC. Barriers to implementing simulation in health care. *Proceedings of the 1994 Winter Simulation Conference*. Edited by JD Tew and S Manivannan. Baltimore: Association of Computing Machinery, 1994, pp. 868-875.

21. Lowery JC. Multi-hospital validation of critical care simulation model. *Proceedings of the 1993 Winter Simulation Conference*. Edited by GW Evans and M Mollaghasemi. Baltimore: Association of Computing Machinery, 1993, pp. 1207-1215.
22. Lowery JC. Simulation of a hospital's surgical suite and critical care area. *Proceedings of the 1992 Winter Simulation Conference*. Edited by JJ Swain, D Goldsman, RC Crain, and JR Wilson. Baltimore: Association of Computing Machinery, 1992, pp. 1071-1078.

PRESENTATIONS/POSTERS AT NATIONAL AND STATE MEETINGS (not included above)

1. Subramanian U, Hopp F, Austin K, Hyungjin M, Lowery J. Development of a case-mix adjustment model for CHF patients. Poster presentation at 2003 SGIM Midwest Regional Meeting, Chicago, IL, September 19-20, 2003.
2. Kowalski CP, Lowery JC, Wyszewianski L, Green LA. VA diabetes hypertension guideline implementation strategies. Poster presentation at 2003 VA HSR&D National Meeting, Washington, DC, February 12-14, 2003.
3. Lowery JC, Kim HM, Wilkins EG, Hamill JB. Accuracy of Web-based telemedicine system for monitoring ulcers. 20th Annual VA HSR&D Service Meeting, Washington, DC, February 13-15, 2002.
4. Harris A, Lowery JC, Hamill JB, Rees RS, Wilkins EG. Telemedicine assessment of chronic wounds. Michigan Academy of Plastic Surgeons, Mackinac Island, MI, July 23-26, 2000.
5. Wilkins EG, Lowery JC, Hamill JB. The impact of shared decision-making in prostate specific antigen (PSA) screening. 21st Annual Meeting of the Society for Medical Decision Making, Reno, NV, October 3-6, 1999.
6. Wilkins EG, Lowery JC, Alderman A, Kim HM. Patient satisfaction in breast reconstruction following mastectomy. American Association of Plastic Surgeons, 78th Annual Meeting, Colorado Springs, CO, May 2-5, 1999.
7. Roth R, Wilkins E, Lowery J. Quality of life and affective distress in women seeking reconstruction for breast cancer. The Society of Behavioral Medicine, San Diego, CA, March 1999.
8. Wilkins EG, Lowery JC, Hamill JB. Patient preferences in PSA screening: The impact of shared decision-making videos. Plenary presentation at 17th Annual VA HSR&D Service Meeting, Washington DC, February 24-26, 1999.
9. Alderman A, Wilkins EG, Lowery JC, Davis J, Kim M. Determinants of patient satisfaction in post-mastectomy breast reconstruction. Michigan Academy of Plastic Surgeons, Mackinac Island, MI, July 12-15, 1998.
10. Cederna P, Lowery J, Kuzon W, Wilkins E. Computerized assessment of aesthetic outcomes in breast reconstruction: determination of breast volume. Plastic Surgery Research Council 43rd Annual Meeting, Loma Linda, CA, April 1998.

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11. Lowery JC, Striplin DT, Buit, BK. Development of clinical nutrition staffing model. Poster presentation at 16th Annual Meeting of VA Health Services Research and Development Service, Washington, DC, February 18-20, 1998.
12. Lowery JC, Striplin DT, Buit BK. Development of clinical nutrition staffing model. Poster presentation at 14th Annual Meeting of Association for Health Services Research, Chicago, June 15-17, 1997.

13. Wilkins EG, Lowery JC, Kuzon WM, Perkins AJ. Functional outcomes in post mastectomy breast reconstruction. 76th Annual Meeting American Association of Plastic Surgeons, Portland, OR, May 18-21, 1997.
14. Wilkins EG, Lowery JC, Kuzon WM, Perkins AJ. Comparison of functional outcomes in post mastectomy breast reconstruction. 42nd Annual Meeting of the Plastic Surgery Research Council, Galveston, TX, February 26-March 1, 1997.
15. Lowery JC, Davis JA. Design and validation of a hospital simulation model for bed allocation. Poster presentation at Fifteenth Annual Health Services Research and Development (HSR&D) Service Meeting, Washington, DC, February 12-14, 1997.
16. Lowery JC, Davis J, Hiller LD, Shore C. Reliability of two methods of nutrition status Assessment. Poster presentation at Department of Veterans Affairs Fourteenth Annual Health Services Research and Development Service Meeting, Washington, D.C., February 28-March 1, 1996.
17. Lowery JC, Davis J, Hiller LD. Reliability of two methods of nutrition status assessment. 123rd Meeting of American Public Health Association in San Diego, October 29-November 2, 1995.
18. Lowery JC. Methodologic issues in outcomes research: Evaluation of health status measures. 40th Annual Meeting of the Plastic Surgery Research Council in New York, May 18-20, 1995.
19. Lowery JC. Simulation of admissions scheduling in VA and DOD hospitals. ORSA/TIMS (Operations Research Society of America/The Information Management Society) Joint National Meeting, Detroit, MI, October 23-26, 1994.
20. Wilkins EG, Kuzon W, Lowery JC, Smith DJ. Analysis of instruments for assessment of aesthetic outcomes in breast reconstruction. Annual Meeting of the American Association of Plastic Surgeons in San Diego, September 26-28.
21. Lowery JC. Design and validation of VA critical care simulation model. Poster presentation at Department of Veterans Affairs Twelfth Annual Health Services Research and Development Service Meeting, Washington, D.C., April 26-27, 1994.
22. Lowery JC. Critical care simulation model for bed planning. Poster presentation at the American College of Healthcare Executives 35th Congress on Administration, Chicago, March 2-6, 1992.
23. Lowery JC. Design and validation of a critical care simulation model. ORSA/TIMS Joint National Meeting, Las Vegas, May 7-9, 1990.
24. Thomas JW, Lowery JC. Defining information needs for health care administrators. 108th Annual Meeting of the American Public Health Association, Detroit, October 19-23, 1980.

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25. Thomas JW, Lowery JC. Analysis of management information requirements in a tertiary care hospital. Second International Conference on Systems Science in Health Care, Montreal, July 15, 1980.